

# SAFETY DATA SHEET

LEVEL BEST

SDS DATE: 08-28-2018

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** LEVEL BEST  
**DISTRIBUTOR:** CHS Inc.  
**ADDRESS:** 5500 Cenex Drive – Inver Grove Heights, MN 55077  
**PHONE:** 651-355-6000  
**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Blend  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Adjuvant

**SECTION 1 NOTES:** None

## SECTION 2: HAZARDS

### GHS Ratings:

Skin corrosion/ irritation  
Eye damage/ irritation

### Toxicity Categories

Category 1C  
Category 1



**Signal Word: DANGER**

### GHS HAZARDS

H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

### GHS PRECAUTIONS

P102 Keep out of reach of children.  
P103 Read label before use.  
P233 Keep container tightly closed.  
P234 Keep only in original container.  
P261 Do not breathe vapors or spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+351+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse with water or shower.  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.  
P310 Immediately call a POISON CENTER, doctor or physician.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

## SECTION 3: INFORMATION ON COMPONENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Citric Acid	77-92-9	10 – 20%
Trade Secret	Trade Secret	60 – 80%
Polyoxyethylene tallow amine	61791-26-2	10– 20%

**NOTE:** Product does NOT contain any pesticides or pest control agents.

**SECTION 3 NOTES:** These specific chemical identity and or exact percentage (concentration) of composition has been withheld as a trade secret.

**CARCINOGENICITY** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

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## SECTION 4: FIRST AID MEASURES

*Have the product container with you when calling a poison control center or doctor, or going for treatment.*

*IF IN EYES:* Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously. If eye irritation persists: seek medical attention.

*IF ON SKIN OR CLOTHING (or hair):* Take off immediately all contaminated clothing. Rinse with water or shower. Wash with plenty of soap and water for several minutes. Call a poison center or physician. If skin irritation occurs: Get medical advice or attention.

*IF SWALLOWED:* Rinse mouth, Do NOT induce vomiting. Unless advised otherwise by a poison control center or doctor, if able. Do not give anything by mouth to an unconscious person. Call a poison center or physician if you feel unwell.

*IF INHALED:* Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None

**SECTION 4 NOTES:** None

## SECTION 5: FIRE FIGHTING MEASURES

### NFPA HAZARD CLASSIFICATION

**HEALTH:** 2      **FLAMMABILITY:** 1      **REACTIVITY:** 0      **OTHER:** -

**IN CASE OF FIRE:** Water spray, dry chemical, carbon dioxide, and foam. Use water spray to keep fire-exposed containers cool.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection. (positive pressure if available)

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may produce carbon monoxide and other asphyxiates.

**SECTION 5 NOTES:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

**SECTION 6 NOTES:** None

## SECTION 7: HANDLING AND STORAGE

**HANDLING** Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Do not breathe vapors or spray. Wash contaminated areas thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Wash contaminated clothing before reuse.

**STORAGE:** Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**SECTION 7 NOTES:** None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values. HMIS=D

<b>VENTILATION:</b>	Good general ventilation (typically 10 air changes per hour) should be used. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
<b>RESPIRATORY PROTECTION:</b>	Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.
<b>EYE PROTECTION:</b>	Chemical goggles and face shield.
<b>SKIN PROTECTION:</b>	Chemical gloves, long-sleeved shirts and pants.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</b>	Eye wash and safety shower should be easily accessible.
<b>WORK HYGIENIC PRACTICES:</b>	Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.
<b>EXPOSURE GUIDELINES:</b>	If exposed, see section 4 for acute exposure first aid.
<b>SECTION 8 NOTES:</b>	None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Gold, slight hazy	<b>FLAMMABLE LIMITS IN AIR, UPPER:</b>	Unknown
<b>ODOR:</b>	Mild Odor	(% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ORDER THRESHOLD:</b>	Not known	<b>VAPOR PRESSURE (mmHg):</b>	@
<b>PHYSICAL STATE:</b>	Liquid		F: Unknown
<b>pH AS SUPPLIED:</b>	6.2 @ 0.5%	<b>VAPOR DENSITY (AIR = 1):</b>	@
<b>pH (Other):</b>			F: Unknown
<b>INITIAL BOILING POINT:</b>	F: Unknown	<b>RELATIVE DENSITY:</b>	1.085
	C: Unknown		
<b>BOILING POINT RANGE:</b>	F: Unknown	<b>EVAPORATION RATE:</b>	Unknown
	C: Unknown	<b>BASIS (butyl acetate=1):</b>	
<b>MELTING POINT:</b>	F: Unknown	<b>SOLUBILITY IN WATER:</b>	Soluble
	C: Unknown		
<b>FREEZING POINT:</b>	F: Unknown	<b>PARTITION COEFFICIENT: (n-octanol/water):</b>	Unknown
	C: Unknown		
<b>FLASH POINT:</b>	F: >200	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
	C: >93	<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>METHOD USED:</b>	PMCC	<b>VISCOSITY:</b>	@ Not determined
<b>FLAMMABILITY (solid, gas):</b>			F: Unknown
			C: Unknown

### SECTION 9 NOTES: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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## SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable  Unstable

CONDITIONS TO AVOID (STABILITY): Stable under normal conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents – reactions can occur.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Incomplete combustion may produce carbon monoxide and other asphyxiates.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

## SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

MIXTURE TOXICITY Not available

COMPONENT TOXICITY Not available

SECTION 11 NOTES: None

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

ECOTOXICITY: Not available

BIOACCUMULATIVE POTENTIAL: Not available

MOBILITY IN SOIL: Not available

OTHER ADVERSE EFFECTS: Not available

SECTION 12 NOTES: None

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA HAZARD CLASS: None

SECTION 13 NOTES: None

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Amines, Liquid, Corrosive, N.O.S. (Amines, tallow alkyl, ethoxylated)

HAZARD CLASS: 8

ID NUMBER: UN 2735

PACKING GROUP: II

LABEL STATEMENT: No exceptions

OTHER AGENCIES: None

SECTION 14 NOTES: None

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## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Mixture not listed

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

### 311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: See SARA 313 regulations for reporting of aqueous ammonia.

## SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

### DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.